



California
DEPARTMENT OF TECHNOLOGY



**DIGITAL
WEB
SERVICES
NETWORK**

**DWSN Quarterly Forum
Wednesday, July 22, 2020**

webstandards.ca.gov



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DEPARTMENT OF TECHNOLOGY



Opening Remarks Manveer Bola

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Agenda

- COVID-19 Web Response
- COVID-19 Data Response
- AB 434 Web Accessibility and OCRBot Update
- Web Publishing
- State Geoportal
- Survey for Future DWSN Topics
- Questions and Answers
- Closing Remarks



COVID-19 Web Response



User-centered Content Design During COVID-19

Peggy Gartin

Office of Digital Innovation

webstandards.ca.gov



From Alpha to COVID19.ca.gov and beyond...



Alpha.ca.gov showed a different way to design sites focused on Californians.

Agency First.

Direct Californians to agencies that might provide the information and services they seek somewhere on the pages presented.

Department of Social Services

Food Banks

Food Banks throughout California provide United States Department of Agriculture (USDA) commodities for distribution to eligible individuals and households within their respective service areas. In order to be eligible for USDA commodities, an individual or household must reside in the geographical area being served and meet established income guidelines. To connect with the food programs that can provide assistance, please see the list below:

- Alameda County**
Alameda County Community Food Bank
7900 Edgewater Drive
Oakland
510-635-3663
- Alpine County**
Food Bank of El Dorado County
4550 Business Drive
Cameron Park
530-621-9950
- Amador County**
Interfaith Council of Amador County
12181 Airport Road
Jackson
209-287-9006
- Butte County**
Community Action Agency of Butte County
2640 S. Fifth Avenue, Suite 7
Oroville
530-538-7559
- Calaveras County**
Resource Connection
206 George Reed Drive
San Andreas
209-754-1257
- Contra Costa County**
Food Bank of Contra Costa & Solano
4010 Nelson Avenue
Concord
925-676-7543
- Orange County**
Second Harvest Food Bank of Orange County
8014 Marine Way
Irvine
949-653-2900
- Placer County**
Placer Food Bank
8584 Industrial Avenue
Roseville
916-783-0481
- Riverside County**
Second Harvest Food Bank
serving Riverside and San Bernardino Counties
2950 S. Jefferson Street
Riverside
951-359-4757
- Sacramento County**
Sacramento Food Bank and Family Services
3333 3rd Ave.
Sacramento
916-456-1980
- San Benito County**
The Community Food Bank of San Benito County
1133 San Felipe Road
Hollister
831-637-0340
- San Bernardino County**
Community Action Partnership of San Bernardino County
696 S. Tippecanoe Avenue
San Bernardino
909-723-1500

Californians First.

Provide one place to help Californians accomplish their tasks and find the information they seek and understand it quickly.

CA.gov (ALPHA)

Find food banks near you

We'll help you find the food banks and pantries closest to you.

Please enter your city or zip code:

95318 **Search**

Showing food banks near 95318

- Merced County Food Bank**
2000 West Olive
Visit Merced County Food Bank's website
209-726-3663
Get directions
- Merced County Food Bank**
2000 West Olive
Visit Merced County Food Bank's website
209-726-3663
Get directions
- Madera County Food Bank**
225 South Pine Street
Suite 101
Visit Madera County Food Bank's website
559-674-1482
Get directions

Map

This website is a work in progress.



Content design

A design process that focuses on user needs and the tasks they're trying to accomplish.



Content design

Gives people:

- What they need
- When they need it
- In a way that's easy to access and understand



Content design process

1. Research
2. User needs
3. Channel and journey mapping
4. Language
5. Creation
6. Sharing
7. Iteration



User needs

Write user stories based on research

- Who your audience is
- What they're trying to do
- So they can achieve what goal



Language

Plain & simple for readability

- Keep text short
- Simple language, grade 6 or under
- All killer, no filler
(don't repeat yourself)
- Leave out what the user doesn't need to know
(usually the names of your programs/processes/people)



Benefits

- Users find the info they want without struggle
- They aren't frustrated or think you're hiding something
- They trust your website and come back to it
- Users of all literacy levels are included



What content design requires

- User research
- Commitment to the process
- Prioritizing user needs first
- Teamwork between subject matter experts and content designers



Real-life case

COVID-19 business closures



People need
to know
what's open,
what's closed



COVID-19 business closures

Stage 1

15

data points



COVID-19 business closures

Stage 2

39

data points



COVID-19 business closures

Attestations

3,422

data points



COVID-19 business closures

County Monitoring List

4,814

data points



How did we communicate closures?

Tight turnaround of sensitive info
+
Content design processes not in place
=
No user-centered design



How did we communicate closures?

Instead, priorities were that the content be:

- Sensitive (impacts many)
- Fast (goes into effect today at noon)
- Detailed (so there are no loopholes)
- Explanatory (give the how & why)



How did we communicate closures?

The screenshot shows the COVID19.CA.GOV website. The header is blue with the CA.GOV logo, the text COVID19.CA.GOV, and social media icons for Facebook and Twitter. There is a search bar and a language selection dropdown. The navigation menu includes Home, Get help, Health information, Working and living safely, and How you can help. The main content area has a blue header with the title "Industry guidance to reduce risk" and a sub-header "Last updated July 13, 2020 at 5:59 PM". The text below states that on June 18, 2020, CDPH issued "Guidance on the Use of Face Coverings", which broadly requires the use of face coverings in California when in public or common spaces. It also mentions that as California reopens, every business will need to create a safer, low-risk environment. The text concludes by stating that the industry-specific guidance below applies to businesses statewide and encourages users to review the guidance, make a plan, and put it into action. At the bottom of the content area, there are links for "County alerts", "Search", and "Back to top".

COVID19.CA.GOV

Home Get help Health information Working and living safely How you can help

Industry guidance to reduce risk

Last updated July 13, 2020 at 5:59 PM

On June 18, 2020, CDPH issued [Guidance on the Use of Face Coverings](#), which broadly requires the use of face coverings in California when in public or common spaces. Complete details, including all requirements and exceptions to these rules, can be found in the guidance.

As California [reopens](#), every business will need to create a safer, low-risk environment. If you own or manage a business, follow the guidance below to protect your workers and customers.

The industry-specific guidance below applies to businesses statewide. Review the guidance that is relevant to your workplace, make a plan, and put it into action. Post your completed checklist so

[County alerts](#) [Search](#) [Back to top](#)



Result: Not good





A user-centered solution

So we started developing something in parallel to these text-heavy pages.


We called it **Project Alameda Haircut**,

AKA

the **What's open search**.



Project Alameda Haircut

**COVID19.CA.GOV**

[Home](#)[Get help ▾](#)[Health information ▾](#)[Working and living safely ▾](#)

What's open?




Last updated July 13, 2020 at 3:43 PM

Open businesses vary by county. See what's open or closed by state order in your area.

Please enter county or zip code:



Project Alameda Haircut

 **COVID19.CA.GOV**

[Home](#) [Get help ▾](#) [Health information ▾](#) [Working and living safely ▾](#)

What's open?

Last updated July 13, 2020 at 3:43 PM

Open businesses vary by county. See what's open or closed by state order in your area.

Please enter county or zip code:



Project Alameda Haircut

This solution is user-centered because:

- We started with the questions users had. ("Can I get a haircut in Alameda?")
- We kept the language plain and concise
- The answer is a clear "open" or "closed"
- We left off complex government processes and terms, which users don't need to accomplish their task.



The reviews

“I am going to bookmark this, it’s great!”

“You should highlight this feature on the homepage - it’s what everyone wants to know.”

“This is very straightforward. I didn’t like the roadmap page.”



The reviews

A screenshot of a web browser displaying the COVID19.CA.GOV website. At the top, a survey prompt says "Please take 2 minutes to complete our COVID-19 survey" with "Dismiss" and "OK" buttons. The website header includes the CA.GOV logo, the URL "COVID19.CA.GOV", and navigation links: "Home", "Get help", "Health information", and "Working and living safely". The main heading is "What's open?" with a subtext "Last updated June 10, 2020 at 9:34 AM". Below this, a text prompt says "Open businesses vary by county. See what's open and closed in your area. Please enter county or zip code:". There is a text input field containing "90" and a "What is open?" button. A small tooltip on the right says "OK, now, we have taken you to a preview page where you can find out what's open. Please". At the bottom, there are links for "County alerts", "Search", and "Back to top". A recording overlay is visible in the top right corner of the browser window.



Learnings

In high-pressure, high-stakes situations, you can't incorporate user-centered content design unless you've set up the process in advance.





Learnings

But on reflection, you can redesign what you've got based on needs users tell you they have.





Learnings

And that development can happen in parallel with fire drills, until folks start to notice that **your solution puts out the fire better.**





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Questions?

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COVID-19 Data Response

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The Vision

The creation of one source of truth for all COVID-19 data where State, Local Government and Public could access the same data.



The Challenges

How do we as a state wrangle the data into resilient data pipelines that flow to decision makers?

How do we direct these data pipelines to flow into a central point of truth?

How do we create resiliency in these pipelines?



Distilled Goals

- Identification of data stewards
- Creation of curated data-pipelines
- Creation of central repository
- Creation of meaningful analytics that are fed by the central repository



Targeted Action

- Data Stewards Identified in: CDPH, CDSS, CalOES
- Data pipelines created (Excel, CSV)
 - Initially manual load
 - Currently some are automated and other being automated
 - Intense / Rapid Data Engineering was involved
- Creation of centralized data warehouse (Snowflake)
 - All authoritative COVID-19 data flowing to one secure and resilient location
 - Each Agency having its own space to store, share and disseminate data
- Creation of Analytics and Reporting for CHSS, CDPH and Governor's Office
 - ESRI, Power BI and Tableau were utilized
 - Currently Tableau is being used for:
 - PDF Reports
 - Dashboards
 - See <https://covid19.ca.gov/>
- Creation of Public Portal to Data and Analytics
 - <https://covid19.ca.gov/>
 - <https://covid19.ca.gov/roadmap-counties/#track-data>
 - <https://update.covid19.ca.gov/>
 - <https://covid19.ca.gov/data-and-tools/>
 - Dashboards
 - Direct Access to Data Warehouse (Snowflake)
 - California Open Data Portal: <https://data.ca.gov/group/covid-19>
 - COVID-19 data also pushes to <https://www.data.gov/>



Today

- Resilient data pipelines flowing to the data warehouse
- Impactful Analytical and Reporting Products
 - Dashboards, Infographics, GIS
- Data Access
 - The Public and State are both consuming the same authoritative data
- Stats
 - 70K queries into Data Ware house
 - 130 COVID Related Tables
 - 143 COVID Related Views
 - 11,354,331 views of the public COVID-19 Dashboards



What is Next?

- Training and data warehouse integration into CHHS, CDPH, CDSS and CalOES Analytical Products
 - CalCAT, ESRI, GIS, R, SAS, Shiny, Power BI, Tableau
- Automation and Quality Assurance
 - ETL / ELT Solutions
 - Creation of data ingestion patterns that are enforced
- Data Governance



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AB 434 Web Accessibility and OCRBot Update

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AB 434 Web Accessibility

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Web Accessibility Compliance Certification: Due Date July 1, 2021

Remediation Survey Due Date: August 3, 2020

[Survey Link](#)

Resources available:

[SAM Section 5190.1 - Website Standards](#)

[SAM Section 5190.2 - Standard ca.gov](#)

[template](#)

[Toolkit](#)

Web Accessibility Community of Practice
Forum

Individual Guidance Meetings

Web Accessibility training classes

Optical Character Recognition Bot
(OCRBot)

webstandards.ca.gov



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OCRBot Update

Tom Rhodes

webstandards.ca.gov



What's New?

- Cognitive Service
- Processing Status
- FAQs
- Release Notes
- ReOCR
- Layering
 - Remediation Mode
 - Published Mode
 - Text Only Mode



Cognitive Service Options

OCRBot Tool and Cognitive Service

- CDT will provide the OCRBot executable file, CDT Cognitive Service endpoint and service key (required for OCRBot use).

- Use of CDT Cognitive Service will incur a cost.

Rates

- Search for OCRBot on the <https://cdt.ca.gov/services/rates> page

OCRBot Tool

- CDT will provide only the OCRBot executable file. This option is for departments that have Microsoft Azure and would like to be billed based on their existing Azure Cognitive Service subscription.



Cognitive Service Config

- Configuration instructions are in the OCRBot User Guide.
- The latest OCRBot User Guide can be accessed from:
 - OCRBot tool Help Menu
 - ServiceNow [Knowledge Article](#)
 - Bookmarking the URL:
<https://ocrbot.technology.ca.gov/UserGuide.pdf>



How to Access

- CDT Service Webpages
 - [CDT Home](#)
 - [CDT Services - OCRBot](#)
- ServiceNow
 - [OCRBot Request](#)
 - [OCRBot Knowledge Article](#)



Questions?



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CAWeb Publishing

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CAWeb Publishing Service

- Integrated Web Content Management System
- Build on WordPress the #1 WCMS
- All web technologies are provided as a Managed Service
- System performance monitoring
- Security built in with automatic updates
- State Template fully integrated
- Website configuration provided
- Automated Backups
- 40+ extended Features Via Plugins



CAWeb Publishing Service

| Feature | Hosting | Managed | CAWeb |
|--|----------|----------|-------|
| Managed Technology: (configuring: webserver, DB, instance, SSL, domains, etc.) | X | ✓ | ✓ |
| Managed WordPress Security | X | ✓ | ✓ |
| Website Monitoring | X | ✓ | ✓ |
| Migrating non-WP content into WP | X | X | ✓ |
| Integrate & config State Template | X | X | ✓ |
| Integrate & config enhanced functionality | X | X | ✓ |
| State Agency specific support | X | X | ✓ |
| Technical Webmaster Costs | \$6,000+ | \$6,000+ | N/A |
| WordPress Provider Costs (Medium site) | \$12 | \$115 | \$478 |
| TOTAL COSTS | \$6,012+ | \$6,115+ | \$478 |



The Webmaster Quandary

Focus on IT or focus on business value?

- Accessibility
 - PDFs
 - Site content
- More visually esthetic pages:
 - Powerful layouts and attention grabbing dynamics
 - Better images of proper size
- Your site metrics (Google Analytics) & SEO:
 - Performance of content presentation
 - Effectiveness of the information architecture



CAWeb Publishing Customers (44+)



- ❖ Gov Office
- ❖ CDT
- ❖ CalEPA
- ❖ Lieutenant Gov
- ❖ DTSC
- ❖ Census
- ❖ CPOST
- ❖ GovOps
- ❖ Web Standards
- ❖ Cannabis
- ❖ ALRB
- ❖ Water Challenge
- ❖ FosterYouthHelp
- ❖ OAL
- ❖ DFEH
- ❖ OpZones
- ❖ ABCAB
- ❖ SCDD
- ❖ CJP
- ❖ BOPC
- ❖ CWDB
- ❖ Code
- ❖ Women
- ❖ Tahoe
- ❖ DBO
- ❖ ETP
- ❖ EMSA
- ❖ OTA
- ❖ CCHCS
- ❖ CalGuard
- ❖ OTS
- ❖ We Draw the Lines
- ❖ BroadBandCouncil
- ❖ Sierra Nevada
- ❖ Find a New Way
- ❖ Military Council
- ❖ Child Support
- ❖ California Volunteers
- ❖ CA 50 Million



The Webmaster Quandary

Q & A



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State Geoportal

Sam Hayashi

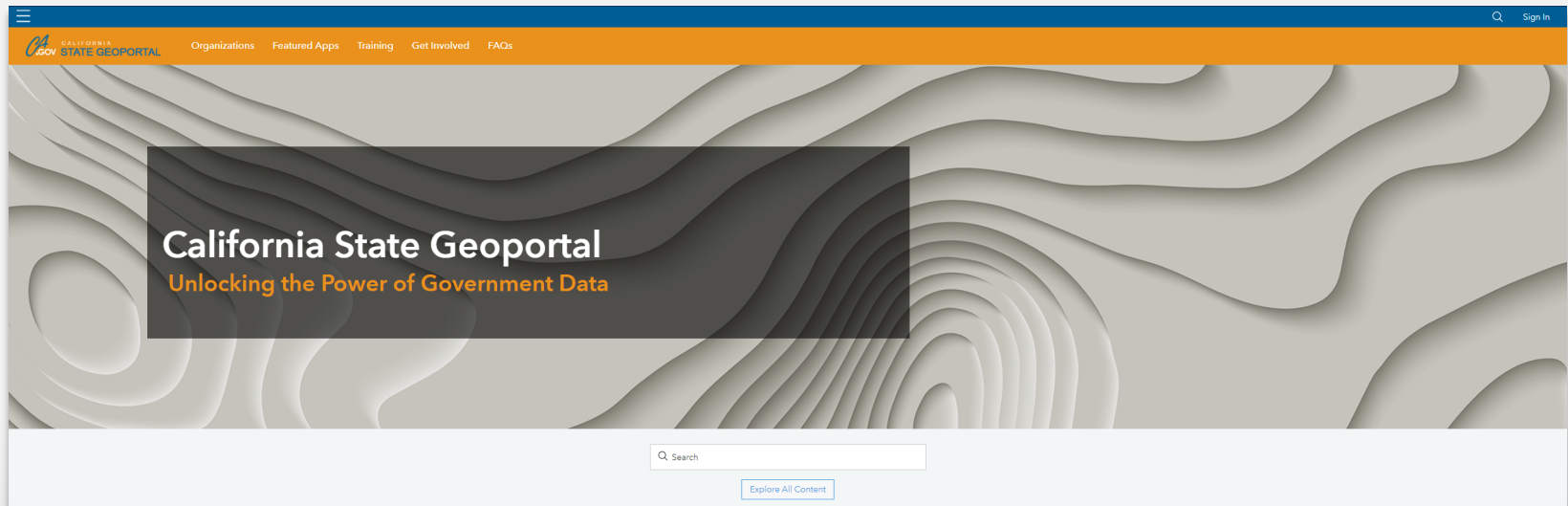
California Department of Technology

webstandards.ca.gov



California State Geoportal

California's Statewide Geoportal is a centralized platform that provides citizens and government with a singular location to search and locate authoritative geospatial/map data from California's agencies and departments.



The Challenge



- On November 1, 2019, Amy Tong and the president and founder of ESRI, Jack Dangermond, challenged CDT to build a Statewide geospatial open data portal by Christmas of that year.
- In coordination with over 30 State entities, CDT was able to meet the deadline and go live with the new portal by December 20, 2019.



Our Partners

- The Geoportal contains data and applications from almost all State entities with GIS capabilities.
- The Geoportal is built on a federated content platform. This allows contributing partners full control of the data and applications that they share with the Geoportal.
- Content is continually updated and maintained by those contributing partners.



GIS.DATA.CA.GOV



2,000
Datasets

5,000
Monthly
Visitors

30
Contributing
State Entities

70
Web Apps



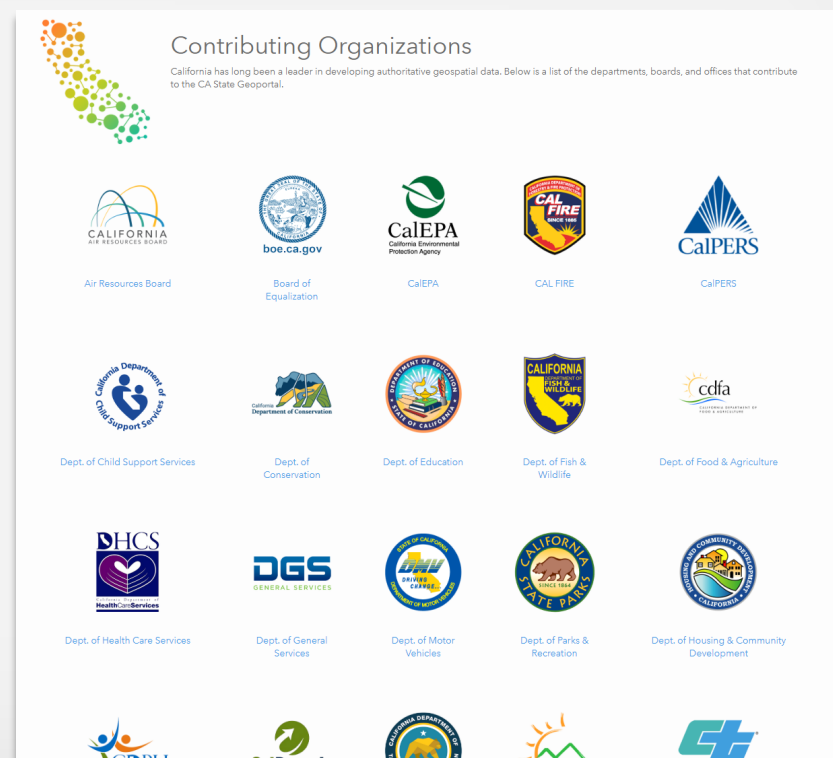


How is Data Organized?

Data Categories



Organizations



Content Type

Content Type

Apply type

- ☐ Feature Layer
- ☐ Web Mapping Application
- ☐ Feature Service
- ☐ Image
- ☐ Table
- ☐ Image Service
- ☐ PDF
- ☐ Web Map
- ☐ Hub Page
- ☐ Map Service

Tags

Tags

Apply tag

- ☐ CAOpenData
- ☐ California Natural Resources Age...
- ☐ Auth_CDFW
- ☐ California Department of Fish An...
- ☐ habitat
- ☐ wildlife
- ☐ species
- ☐ natural resources
- ☐ bird
- ☐ mammal



Viewing Data

California Schools 2019-20
Last updated 2 months ago | 10,043 Records

Search data and map

| California Schools 2019-20 | |
|----------------------------|----------------|
| OBJECTID | 4033 |
| Year | 2019-20 |
| Fed ID | 060408013800 |
| CDS Code | 20651850129015 |
| District Code | 65185 |
| School Code | 0129015 |

Overview Data API Explorer

6/1/2020 Feature Layer Download APIs

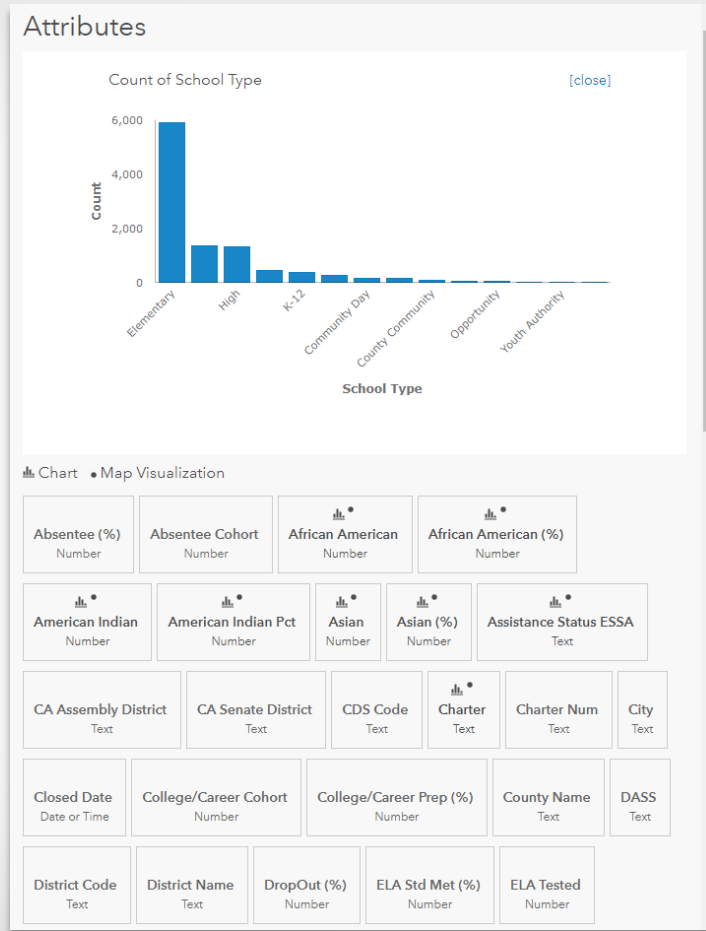
This layer serves as the authoritative geographic data source for California's K-12 public school locations during the 2019-20 academic year. Schools are mapped as point locations and assigned coordinates based on the physical address of the school facility. The school records are enriched with additional demographic and performance variables from the

[More](#)

- The dataset page provides an interactive searchable map of the data.
- Individual features can be selected to view their attributes.
- A description along with other metadata are available.



Viewing Data



- Attribute section lists the available fields and their data type.
- Fields with a chart icon above them can be selected to see the data in chart form.



Viewing Data

Showing 1 to 10 of 14 District Code: 10017

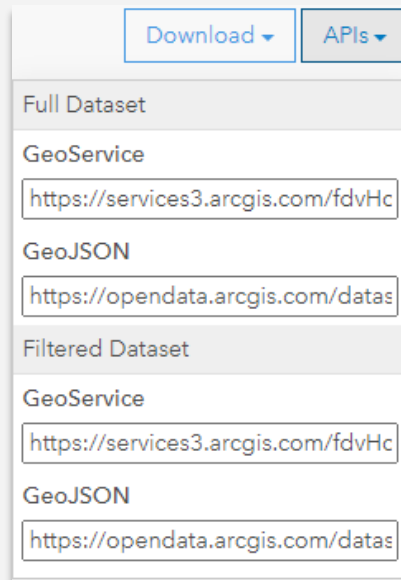
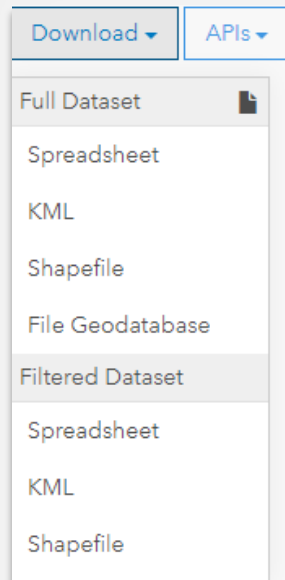
| ▼ OBJECTID | ▼ Year | ▼ Fed ID | ▼ CDS Code | ▼ District Code | ▼ School Code |
|------------|---------|--------------|----------------|-----------------|---------------|
| 1 | 2019-20 | 069105110947 | 01100170112607 | 10017 | 0112607 |
| 2 | 2019-20 | 069105112844 | 01100170123968 | 10017 | 0123968 |
| 3 | 2019-20 | 069105112901 | 01100170124172 | 10017 | 0124172 |
| 4 | 2019-20 | 069105113008 | 01100170125567 | 10017 | 0125567 |
| 5 | 2019-20 | 069105113772 | 01100170129403 | 10017 | 0129403 |
| 6 | 2019-20 | 069105109264 | 01100170130401 | 10017 | 0130401 |
| 7 | 2019-20 | 069105106830 | 01100170130419 | 10017 | 0130419 |
| 8 | 2019-20 | 069105113887 | 01100170131581 | 10017 | 0131581 |
| 9 | 2019-20 | 069105114091 | 01100170136101 | 10017 | 0136101 |
| 10 | 2019-20 | 069105114090 | 01100170136226 | 10017 | 0136226 |

Showing time fields in America/Los_Angeles timezone.

- Data can also be viewed as a table.
- Fields can be filtered by selecting the filter icon and entering a value.
- The map, data downloads, and API queries can be filtered this way.



Accessing Data



- Data can be downloaded or the API queried as a full dataset or using a filter.
- Supported download formats include:
 - Spreadsheet
 - KML
 - Shapefile
 - File Geodatabase
- Supported API formats include:
 - GeoService
 - GeoJSON



Accessing Data

Explore this dataset's API by completing the fields below. The fields will populate the query URL and the output will appear in the JSON box below. If you'd like to know more about the API, please refer to the full [REST API documentation](#).

Query

| Parameter | Value |
|------------|--|
| Where | No Active Filters + |
| Out Fields | <input checked="" type="checkbox"/> OBJECTID <input checked="" type="checkbox"/> Year <input checked="" type="checkbox"/> FedID <input checked="" type="checkbox"/> CDSCode <input checked="" type="checkbox"/> CDCode <input checked="" type="checkbox"/> SCode <input checked="" type="checkbox"/> CountyName <input checked="" type="checkbox"/> DistrictName <input checked="" type="checkbox"/> SchoolName <input checked="" type="checkbox"/> SchoolType <input checked="" type="checkbox"/> Status <input checked="" type="checkbox"/> OpenDate <input checked="" type="checkbox"/> ClosedDate <input checked="" type="checkbox"/> SchoolLevel <input checked="" type="checkbox"/> GradeLow <input checked="" type="checkbox"/> GradeHigh <input checked="" type="checkbox"/> Charter <input checked="" type="checkbox"/> CharterNum <input checked="" type="checkbox"/> FundingType <input checked="" type="checkbox"/> Virtual <input checked="" type="checkbox"/> Magnet <input checked="" type="checkbox"/> TitleStatus <input checked="" type="checkbox"/> DASS <input checked="" type="checkbox"/> AssistStatusESSA <input checked="" type="checkbox"/> Street <input checked="" type="checkbox"/> City <input checked="" type="checkbox"/> Zip <input checked="" type="checkbox"/> State <input checked="" type="checkbox"/> CongUS <input checked="" type="checkbox"/> SenateCA <input checked="" type="checkbox"/> AssemblyCA <input checked="" type="checkbox"/> Locale <input checked="" type="checkbox"/> Latitude <input checked="" type="checkbox"/> Longitude <input checked="" type="checkbox"/> LocSource <input checked="" type="checkbox"/> EnrollTotal <input checked="" type="checkbox"/> AAccount <input checked="" type="checkbox"/> AAPct <input checked="" type="checkbox"/> Alcount <input checked="" type="checkbox"/> Alpct <input checked="" type="checkbox"/> AScount <input checked="" type="checkbox"/> ASpct <input checked="" type="checkbox"/> Flcount <input checked="" type="checkbox"/> Flpct <input checked="" type="checkbox"/> Hlcount <input checked="" type="checkbox"/> Hlpct <input checked="" type="checkbox"/> Plcount <input checked="" type="checkbox"/> Plpct <input checked="" type="checkbox"/> WHcount <input checked="" type="checkbox"/> WHpct <input checked="" type="checkbox"/> MRcount <input checked="" type="checkbox"/> MRpct <input checked="" type="checkbox"/> NRcount <input checked="" type="checkbox"/> NRPct <input checked="" type="checkbox"/> ELcount <input checked="" type="checkbox"/> ELpct <input checked="" type="checkbox"/> FOScount <input checked="" type="checkbox"/> FOSpct <input checked="" type="checkbox"/> HOMcount <input checked="" type="checkbox"/> HOMpct <input checked="" type="checkbox"/> MIGcount <input checked="" type="checkbox"/> MIGpct <input checked="" type="checkbox"/> SEDcount <input checked="" type="checkbox"/> SEDpct <input checked="" type="checkbox"/> SWDcount <input checked="" type="checkbox"/> SWDpct <input checked="" type="checkbox"/> UPcount <input checked="" type="checkbox"/> UPpct <input checked="" type="checkbox"/> ELATested <input checked="" type="checkbox"/> ELAStdMetPct <input checked="" type="checkbox"/> MathTested <input checked="" type="checkbox"/> MathStdMetPct <input checked="" type="checkbox"/> CCPprepCohortCount <input checked="" type="checkbox"/> CCPprepPct <input checked="" type="checkbox"/> AbsentEligCount <input checked="" type="checkbox"/> AbsentPct <input checked="" type="checkbox"/> GradCohortCount <input checked="" type="checkbox"/> GradPct <input checked="" type="checkbox"/> UCUSReqMetPct <input checked="" type="checkbox"/> DropOutPct <input checked="" type="checkbox"/> EnrollCumulative <input checked="" type="checkbox"/> SuspPct |

The fields to be included in the returned result set.

Spatial Inputs

Apply Spatial Filter? ☐ Yes ☒ No

Output Options

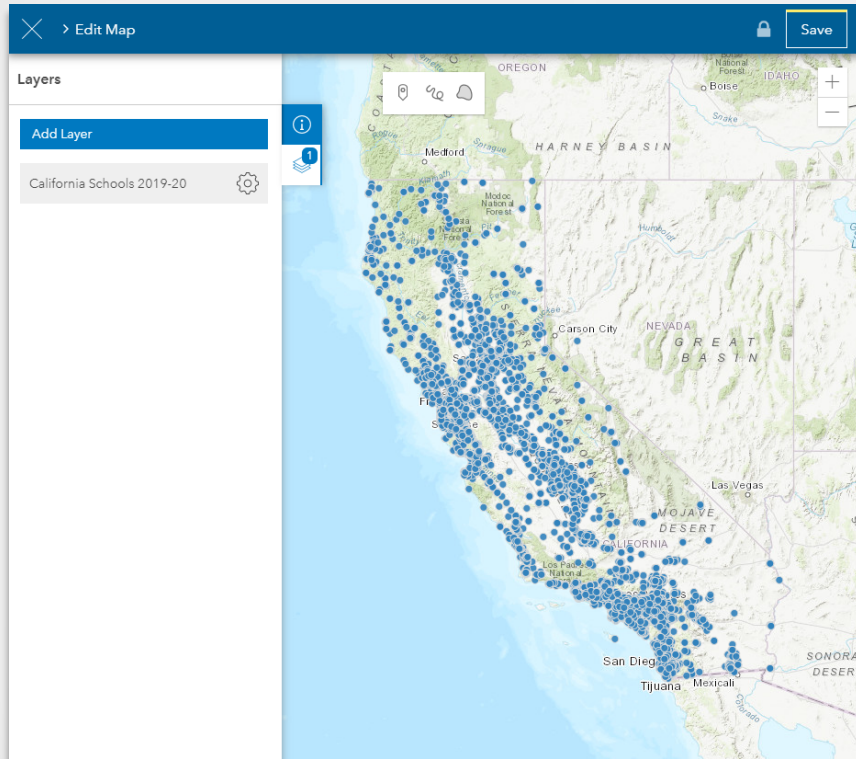
Query URL

```
https://services3.arcgis.com/fdvHcZvgB2QSRNKL/arcgis/rest/services/SchoolSites1920/FeatureServer/0/query?where=1&D1&outFields=*&outSR=4326&f=json
```

- The API Explorer allows the user to:
 - Filter the data by tabular value
 - Filter the data spatially
 - Select the desired fields for return
- Multiple API return options are available to further refine the return.
- Once the query has been designed the user can select the “Try it Out” button or copy the Query URL in the upper right.



Map Creation



- Users can also create custom maps from the data.
- The symbology of the features can be edited, multiple layers can be added together and the map can be shared with others online.
- With a free ArcGIS Online account users have access to a much greater set of options for building maps.



Featured Apps

Featured Apps

Our contributing partners have built some amazing applications using the data within the California State Geoportal. Please check out the great work that our State partners have produced below.

CAL FIRE Apps

| | | | |
|---|---|--|---|
| <p>Camp Fire Structure Status</p> <p>Find address or place</p> <p>WEB APPLICATION</p> <p>California Camp Fire Structure Status</p> <p>Map of damaged and non-damaged structures in the Camp Fire.</p> <p>Explore</p> | <p>CRANSTON WILDFIRE FUEL REDUCTION SUCCESS STORY</p> <p>STORY MAP</p> <p>Cranston Fire</p> <p>A Collaborative Wildfire Prevention Success Story: Upper Dry Creek, Astro Camp, Westridge, and...</p> <p>Explore</p> | <p>CAL FIRE Priority Fuels Reduction Projects 2019</p> <p>WEB APPLICATION</p> <p>CAL FIRE Priority Fuels Reduction Projects 2019</p> <p>CAL FIRE Priority Projects 2019 Web Mapping Application. This is to view the 35 projects identified as bein...</p> <p>Explore</p> | <p>OVER 129 MILLION DEAD TREES IN CALIFORNIA BETWEEN 2010 - 2017</p> <p>WEB APPLICATION</p> <p>129 Million Dead Trees in California</p> <p>This Story Map will take you through the history of the tree mortality epidemic in the State of Californi...</p> <p>Explore</p> |
| <p>California Vegetation Treatment Program PEIR</p> <p>WEB APPLICATION</p> <p>California Vegetation Treatment Program PEIR...</p> <p>This web application provides a viewing platform for the CalVTP PEIR web map. The purpose of this...</p> <p>Explore</p> | <p>Forest Practice Watershed Mapper v2</p> <p>WEB APPLICATION</p> <p>Forest Practice Watershed Mapper</p> <p>The Forest Practice Watershed Mapper allows users to identify the status of a specific planning...</p> <p>Explore</p> | <p>Tree Mortality Viewer</p> <p>WEB APPLICATION</p> <p>California Tree Mortality Viewer</p> <p>The viewer, created as part of the Tree Mortality Task Force, includes various layers related to the...</p> <p>Explore</p> | <p>Fire Hazard Viewer</p> <p>WEB APPLICATION</p> <p>California Fire Hazard Severity Zone Viewer</p> <p>Map Viewer application for Fire Hazard Severity Zones (FHSZ), including both proposed Fire...</p> <p>Explore</p> |

- 70 web apps from 14 different State entities are available on the Featured Apps tab.
- These include preconfigured map viewers, analysis tools, Story Maps, and dashboards.
- The applications are built using data contained within the Geoportal.



Training

How to use this site

Use our community's public platform for exploring and downloading open data, discovering and building apps, and engaging to solve important local issues. Here we will provide an explanation on the Open Data we are sharing for our community, how to understand it, and for what you might use it. Together we can make a great, well-connected community!

Working with the data

A "how to" guide

California Department of Technology November 30, 2020

The Basics

New to our site? Would you like to build a map? This document will walk you through the process of adding data, filtering that data, symbolizing it, creating a free public ArcGIS Online account and sharing your new map!

[Get Started!](#)

How-to videos...

Get Started with ArcGIS Online



ArcGIS Online: Mapping Basics



ArcGIS Online: Data Basics



ArcGIS Online: Sharing Basics



In-depth Training

Get Started with ArcGIS Online

Create and share an evacuation map to prepare for an incoming hurricane.

Duration: 30 mins

This tutorial provides a more in-depth course on ArcGIS Online. It guides the user through a real-life scenario of creating and sharing an evacuation map in preparation for an incoming hurricane.

You'll create a map of Houston, Texas, based on publicly shared data. By analyzing vehicle ownership across the city, you'll pinpoint areas that may have difficulty evacuating in time. Then, you'll present your results as a professional-looking web app for others to explore.

[Go to Tutorial!](#)

- The Training tab provides users with several options to learn how to use the ArcGIS platform.
- The In-depth Training section walks users through the steps of both creating and sharing a real world example of how the platform can be used.



Next Steps

- We are continually working to add more contributing partners as well as more content.
- CDT and ESRI are working together to build a much more robust training section that will have content for all levels of users.
- In the future, CDT would like to coordinate with local California governments to include their data within the Geoportal.





Questions





California
DEPARTMENT OF TECHNOLOGY



Survey for Future Topics

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Questions and Answers

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Closing Remarks

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THANK YOU

Post conference materials will be published on:

<https://cdt.ca.gov/dwsn>

For questions:

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